



## SEQUENCE LISTING

<110> MAKRIGIORGOS, G. MIKE

<120> AMPLIFICATION OF DNA IN A HAIRPIN STRUCTURE, AND APPLICATIONS

<130> 700157-53471

<140> 10/758,401

<141> 2004-01-15

<150> US 60/440,184

<151> 2003-01-15

<160> 22

<170> PatentIn Ver. 3.2

<210> 1

<211> 92

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 1

atttaaagtgt ttaaacacgc ggtggactta attaactagt gccttagtag cgtgaaagtt 60  
aattaagtca ccgcatgttt aaacatttaa at 92

<210> 2

<211> 200

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 2

accgacgtcg actatccggg aacacactgc ccaacaacac cagctcctct cccagccaa 60  
agaagaaacc actggatgga gaatatttca cccttcagaa aactgaaggg tgaaatattc 120  
tccatccagt ggtttcttct ttggctgggg agaggagctg gtgttggttg gcagtgagca 180  
ctctccagcc tctcaccgca 200

<210> 3

<211> 149

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 3  
 accgacgtcg actatccggg aacacatgat ttaaagtgtt aaacacgcgg tggacttaat 60  
 taactagtgc cttaggtagc gtgaaagtta attaagtcac cgcattgtta aacatttaaa 120  
 tgtacagcac tctccagcct ctcaccgca 149

<210> 4  
 <211> 168  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 4  
 accgacgtcg actatccggg aacacaagat ttaaagtgtt aaacacgcgg tgacttaaca 60  
 ggcgcgctt aactagtgc ttaggtagcg tgaaagttaa ggcgcgctg ttaagtcacc 120  
 gcgtgtttaa acatttaaat cttgagcact ctccagcctc tcaccgca 168

<210> 5  
 <211> 218  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer

<400> 5  
 accgacgtcg actatccggg aacagatcca tgcactgcc aacaacacca gtcctctctc 60  
 ccagccaaag aagaaaccac tggatggaga atatttcgac ccttcagaaa actgaagggt 120  
 cgaaatattc tccatccagt ggtttcttct ttggctgggg agaggagctg gtgttggttg 180  
 gcagtgcacg gatcagcact ctccagcctc tcaccgca 218

<210> 6  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer

<400> 6  
 gtgagaggct ggagagtgtc 20

<210> 7  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer

<400> 7  
acgtcgacta tccgggaaca

20

<210> 8  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 8  
taaattgttta aacacgcggt

20

<210> 9  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 9  
taaattgttta aacatgcggt

20

<210> 10  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 10  
aggccttcat gactgatacc a

21

<210> 11  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 11  
tgagatcgac tgagacccca a

21

<210> 12  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 12

cgacggcgcg ccgccttagg tagcgtagg cgcgccgt

38

<210> 13

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<220>

<223> Description of Combined DNA/RNA Molecule:  
Synthetic oligonucleotide

<400> 13

ctgccgagtt cctgctttga gatgctgttg aguuacgtcg actatccttg aacaccaact 60  
cggcag 66

<210> 14

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 14

atgagatggg gtcagctgcc ttcacggcg cgcccatgat tt

42

<210> 15

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 15

cttctcccc tcctctgttg ctcacggcg cgcc

34

<210> 16

<211> 168

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

## oligonucleotide

<400> 16  
 accgacgtcg actatccggg aacacaagat ttaaattgttt aaacacacgg tgacttaaca 60  
 ggcgcgcctt aactagtgcc ttaggtagcg tgaaagttaa ggcgcgcctg ttaagtcacc 120  
 gcgtgtttaa acattttaa cttgagcact ctccagcctc tcaccgca 168

<210> 17  
 <211> 171  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 17  
 accgacgtcg actatccggg aacacaagat ttaaattgttt aaacaacaca cggtagactta 60  
 acaggcgcgc cttaactagt gccttaggta gcgtgaaagt taaggcgcgc ctgttaagtc 120  
 accgcgtggt taaacattta aatcttgagc actctccagc ctctcaccgc a 171

<210> 18  
 <211> 199  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 18  
 accgacgtcg actatccggg aacacactgc ccaacaacac cagctcctct cccagcaaa 60  
 gaagaaacca ctggatggag aatatttcac ccttcagaaa actgaagggg gaaatattct 120  
 ccattccagt gtttcttctt tggctgggga gaggagctgg tggtgttggg cagtgagcac 180  
 tctccagcct ctcaccgca 199

<210> 19  
 <211> 79  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic  
 oligonucleotide

<400> 19  
 accgacgtcg actatccggg aacacactgc ccaacaacac cagctcctct cccagccaa 60  
 agaagaaacc actggatgg 79

<210> 20  
 <211> 119  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 20

aatatttcac ccttcagaaa actgaagggt gaaatattct ccatccagtg gtttcttctt 60  
tggctgggga gaggagctgg tgttggtggg cagtgagcac tctccagcct ctcaccgca 119

<210> 21

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 21

ctgccgagtt cctgctttga gatgctgttg agacgtcgac tctccttgaa caccaactcg 60  
gcag 64

<210> 22

<211> 116

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 22

atttaaatgt ttaaacacgc ggtgacttaa caggcgcgcc ttaactagt ccttaggtag 60  
cgtgaaagtt aaggcgcgcc tgttaagtca ccgctgttt aaacatttaa atcatg 116